1914

The Commission for the Investigation and Control of the
Chestnut Tree Blight Disease in Pennsylvania

1112 MORRIS BUILDING
PHILADELPHIA

IMPERIAL BUREAU
28 JUN. 1921
OF MYCOLOGY

Bibliography of the Chestnut Tree Blight Fungus

By R. KENT BEATTIE, Forest Pathologist
U. S. Department of Agriculture

HARRISBURG, PA.:
WM. STANLEY RAY, STATE PRINTER
1914

THE CHESTNUT TREE BLIGHT.

A typical lawn chestnut shade tree, with branch killed by blight. Note withered leaves. Philadelphia, Pennsylvania.

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Pennsylvania Chestnut Tree Blight Commission

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FOREWORD.

The rapid spread of the chestnut tree bark disease in New York, Pennsylvania, New Jersey and other States and the almost incalculable damage wrought by this parasitic fungus within a comparatively few years awakened general interest in the subject throughout the United States. The blight has already invaded at least a dozen States, causing the destruction of many thousands of valuable chestnut trees, and is still spreading in various directions. The prevailing opinion of some optimists that Nature would eventually introduce a parasite that would speedily eradicate the chestnut tree bark disease fungus and restore the equilibrium that apparently was missing, has proven a futile hope.

The extensive scientific researches now in progress by both National and State authorities give promise of a solution of the trouble, but thus far no permanent and thoroughly efficient remedy has been discovered for the cure and treatment of the diseased trees. Those in charge of laboratory work have entire confidence in the belief that ultimately their efforts towards combating and eradicating the disease will be successful.

The accompanying description of or reference to books, etc., relating to the chestnut tree blight fungus is of particular interest and value at this time, as it includes a list of many books, bulletins and manuscripts which contain a vast fund of practical and helpful information.

Prof. R. Kent Beattie, Forest Pathologist of the United States Department of Agriculture, is deserving of gratitude for his careful and thorough work in the compilation of the valuable bibliography which is hereto appended.

O. D. S.

THE CHESTNUT TREE BLIGHT.

Center of a spot infection located in Benzinger township, Elk County, Pennsylvania. The blight probably started on this tree in 1908.

A BIBLIOGRAPHY OF THE CHESTNUT BARK DISEASE.*

Prepared for the Pennsylvania Chestnut Tree Blight Commission.

By R. KENT BEATTIE, *Forest Pathologist*,
BUREAU OF PLANT INDUSTRY, UNITED STATES DEPARTMENT OF AGRICULTURE.

REVISED TO JANUARY 1, 1914.

The rapid rise and spread of the Chestnut Bark Disease since its introduction into the United States from the Orient, probably in the nineties, has called it to the attention both of scientific men and the general public. The result of this almost universal notice in the eastern states has been the production of numerous articles written from many different standpoints.

It has been the effort in this bibliography to cite all the writings of a scientific or semi-scientific nature up to the end of the year 1913, with the aim of making a good working bibliography of the disease. Since it is manifestly impossible for any such bibliography to be complete, the author will be glad to have called to his attention any omissions or any corrections in the citations here given.

Because of their importance in the chestnut bark disease problem, references to *Endothia radicalis* and *Endothia gyrosa* as well as those to *Endothia parasitica* have been included in this bibliography.

The page numbers appearing in parenthesis at the bottom of the pages refer to those used in the publication of the bibliography as a part of the "Final Report of the Pennsylvania Chestnut Tree Blight Commission," (1914), and should be used in making citations.

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